Price One Shilling.

No. 3. NEW SERIES.] JULY, 1855. [No. CLXI.

THE PHYTOLOGIST.

A BOTANICAL JOURNAL.

Ὡς ἐμεγαλύνθη τὰ ἔργα σου, Κύριε!—πάντα ἐν σοφίᾳ ἐποίησας.

ΨΑΛΜ. ργ'. 24.

Benedicite universa germinantia in terra Domino; laudate et superexaltate EUM in secula.—*Hymn. iii. Pueror.* v. 76.

LONDON:

W. PAMPLIN, 45, FRITH STREET, SOHO SQUARE.

J. E. TAYLOR, PRINTER, LITTLE QUEEN STREET, LINCOLN'S INN FIELDS.

CONTENTS.

Page

On the Hieracia of North Yorkshire and Teesdale, by JOHN G. BAKER 49

An Account of Localities of some of the rarer British Plants and others noticed in North Wales by Mr. PAMPLIN and Mr. IRVINE, in September, 1854 51

Notes on the Flora of Dumfries, by W. L. LINDSAY, M.D. . . 57

On some Plants at Harefield, Middlesex 61

REVIEWS:—

Moore's Handbook of British Ferns 66

Experiments on the Dyeing Properties of Lichens; by W. L. LINDSAY, M.D. 69

Botanical Notes, Notices, and Queries 71

Books received for Review 72

Descriptive British Botany. Eight pages.

BOTANY.

MR. IRVINE, 28, Upper Manor Street, Chelsea, Lecturer on Botany, begs to give notice to his Friends and the Public that he continues to give Private Instruction in this Science, on moderate terms.

Application may be made at Mr. IRVINE'S residence, as above, or to the Publisher of this Journal.

Price 3*s.* 6*d.*; or coloured, 7*s.*

ELEMENTARY BOTANY,

FOR THE USE OF BEGINNERS. By T. S. RALPH, A.L.S., etc.

Mr. Ralph's Botany for Beginners has been favourably noticed by reviewers generally.

Lately published, price Sixpence,

THE LONDON CATALOGUE OF BRITISH PLANTS,

Published under the Direction of the Botanical Society of London, adapted for marking Desiderata in Exchange of Specimens, etc. Fourth Edition.

Now reissued, and reduced in price from 3*s.*, *at which it was published, to*
ONE SHILLING, *cloth extra.*

OBSERVATIONS ON NATURAL SYSTEMS OF BOTANY.

By JAMES L. DRUMMOND, M.D., etc.,

Professor of Anatomy and Physiology in the Royal Belfast Institution, Author of 'First Steps to Botany.'

W. PAMPLIN, 45, FRITH STREET, SOHO SQUARE.

Now ready,

THE FERNS OF GREAT BRITAIN.

ILLUSTRATED BY JOHN E. SOWERBY.

The Descriptions, Synonyms, etc., by CHARLES JOHNSON, Esq.

In One Vol. cloth boards, full coloured, 27*s.*; partly coloured, 14*s.* The Work contains Forty-nine Plates and Descriptions.

John E. Sowerby, 3, Mead Place, Lambeth.

Lately Published.

ICONES CARPOLOGICÆ;

OR, FIGURES AND DESCRIPTIONS OF FRUITS AND SEEDS.

(After the manner of Gærtner.) By T. S. RALPH, A.L.S.

Part I. LEGUMINOSÆ; complete, containing 40 Plates, with about 400 Figures; 4to, 16*s.*, extra boards.

Price 3*s.*

BOTANICAL LABELS FOR THE HERBARIUM.

Adapted to the respective Floras of SMITH, HOOKER, LINDLEY, and MACREIGHT. Including one for every Plant hitherto recognized as indigenous to the British Islands. By a Corresponding Member of the Botanical Society of London.

Lately Published, price 2*s.* 6*d.*; or calf extra, 5*s.*

THE SPIRITUAL USE OF AN ORCHARD, OR GARDEN OF FRUIT TREES;

Set forth in divers Similitudes between Natural and Spiritual Fruit Trees, according to Scripture and Experience.

By RALPH AUSTEN, Practiser in the Art of Planting.

"Now learn a parable of the Fig-tree."—*Matt.* xxiv. 32; *Mark* xiii. 28.

Carefully reprinted from the 4to Oxford Edition of 1657.

**** This year (1652), RALPH AUSTEN was entered a Student into the Public Library, to the end he might find materials for a Book he afterwards published, entitled 'A treatise of Fruit-trees,' etc. **** This said Book was much commended; our Author added thereto another Treatise as big as the former, entitled, 'THE SPIRITUAL USE OF AN ORCHARD, OR GARDEN OF FRUIT TREES," etc. being all Divinity.

This Mr. Austen was a very useful man in his generation, and spent all his time in Oxon, to his death, A.D. 1676, in planting Gardens there and near it, in grafting and raising Fruit-trees, etc.

He was a Staffordshire man born; but died in his house in the Parish of St. Peter in the Baylie, in Oxon, and lies buried in the Church there. He had been a practiser in Gardening and planting of Fruit-trees 50 years.—ANT. WOOD, *Athenæ Oxon.* vol. ii. F. p. 101.

COLLECTIONS OF DRIED PLANTS.

PLANTS OF PORTUGAL. An extensive Collection of Flowering Plants and Ferns of Portugal. By DR. FR. WELWITSCH, all named and localized, consisting of about 1000 species, at the rate of 25*s.* per 100 species; *one complete set only remains on hand;* a sample can be sent by post for four postage stamps.

SCHÆRER, L. E. Lichenes Helvetici exsiccati accedunt species nonnullæ externæ, etc.; QUITE COMPLETE, the twenty-six fasciculi in thirteen small quarto book-boxes; in all, 650 Lichens. *Price* £8. 2*s.* 6*d.*

W. PAMPLIN, 45, FRITH STREET, SOHO SQUARE.

LIST OF A FEW GOOD

BOTANICAL BOOKS ON SALE.

MOSTLY SECOND-HAND.

(*Continued from the Wrapper of the June Number.*)

RAY. A Collection—consisting of twelve separate volumes—of the various works of Ray, including some of the rarer editions. 25*s*.

*** No odd volumes, no imperfect copies, no duplicates.

Raii, J. Historia Plantarum generalis, de plantis in genere, etc., Methodo Vires et Usus, Lexicon Botanicus, etc. *Complete* in three large volumes, folio. 12*s*. Londini, 1686–1704

Raii, J. Another well-bound copy of the same. 18*s*. Londini, 1686–1704

Raii, J. Another very fine copy; uncut, *portrait*. 30*s*. Londini, 1693–1704

Relham, R. Flora Cantabrigiensis. *Plates*. 1*s*. 6*d*. Cantab. 1785

Relham, R. Flora Cantabrigiensis; *plates*, another edition. 2*s*. 6*d*. Cantab. 1820

Rose, H. Elements of Botany, to which is added an Appendix of Plants lately found in Norfolk and Suffolk. *Plates*. 3*s*. 6*d*. London, 1775

Rose, H. Another copy, *well bound*, whole calf extra. 7*s*. 6*d*. London 1775

Roth, A. G. Catalecta Botanica, quibus plantæ novæ et minus cognitæ describuntur, etc. *The three volumes complete. Coloured plates*. 10*s*. 6*d*. Lipsiæ, 1797–1806

Roth, A. G. Catalecta Botanica, etc. Another copy of the same book, with Autograph, and partly interleaved, handsomely bound in two thick volumes. 21*s*. Lipsiæ, 1797–1806

Roth, A. G. Tentamen Floræ Germanicæ, continens enumerationem plantarum in Germania sponte nascentium. *Complete in four volumes*. 12*s*. Lipsiæ, 1788–1800

*** Separate volumes can be supplied.

Roth, A. G. Enumeratio Plantarum Phænogamarum in Germania sponte nascentium. *Two volumes*. 14*s*. Lipsiæ, 1827, etc.

Roth, A. G. The latter of the two volumes, viz. "Sectio posterior," can still be supplied separate. Price 9*s*. Lipsiæ, 1827

Roth, A. G. Manuale Botanicum, peregrinationibus botanicis accommodatum, etc. *Complete in three volumes*. 15*s*. Lipsiæ, 1830

Schærer, L. E. Enumeratio Critica Lichenum Europæorum, quos ex nova methodo, etc. *Ten coloured plates and portrait*. 10*s*. Bernæ, 1850

*** Most of Schærer's other works in stock.

Smith, Sir J. E. The English Flora. Complete in six volumes. 30*s*. Another copy, 42*s*. London, 1824–36

Swartz, O. Flora Indiæ Occidentalis aucta atque illustrata, etc. Complete in three large volumes. *Fine Plates*. 30*s*. Erlangæ, 1797–1806

Transactions of the Medico-Botanical Society of London. No. 1. (June, 1828.) *Sewed*. 6*d*. London, 1828

Transactions of the Medico-Botanical Society of London. Vol. I., part 1. (July, 1829.) *Sewed. Large coloured plate*. 1*s*. London, 1829.

Transactions of the Medico-Botanical Society of London for 1832 and 1833. *Sewed*. 6*d*. London, 1834

Transactions of the Medico-Botanical Society of London. (Edited by Judd.) Vol. the first, Part the fourth. *Plate*. 1*s*. 6*d*. London, 1839

TRANSACTIONS, ETC. The whole of the above included in one volume (the complete set of these valuable Transactions), which contains excellent Papers by HAMILTON, HANCOCK, REEVES, ROXBURGH, and others. *Plates—some coloured*. 3*s*. London, 1828–1839

Trattinick, L. Genera Plantarum, methodo naturali disposita. *Sewed*. 1*s*. Vindob. 1802

Turner, Dawson. Synopsis of the British Fuci. Complete in two volumes. 6*s*. London, 1802

Turner and Dillwyn's Botanist's Guide through England and Wales. Two vols. *Boards*. 3*s*. 6*d*. Another copy. 5*s*. London, 1805

LONDON: W. PAMPLIN, 45, FRITH STREET, SOHO SQUARE.